

LPIC-1 101-400 – Lesson 6 – Lab

* Login into your Lab environment

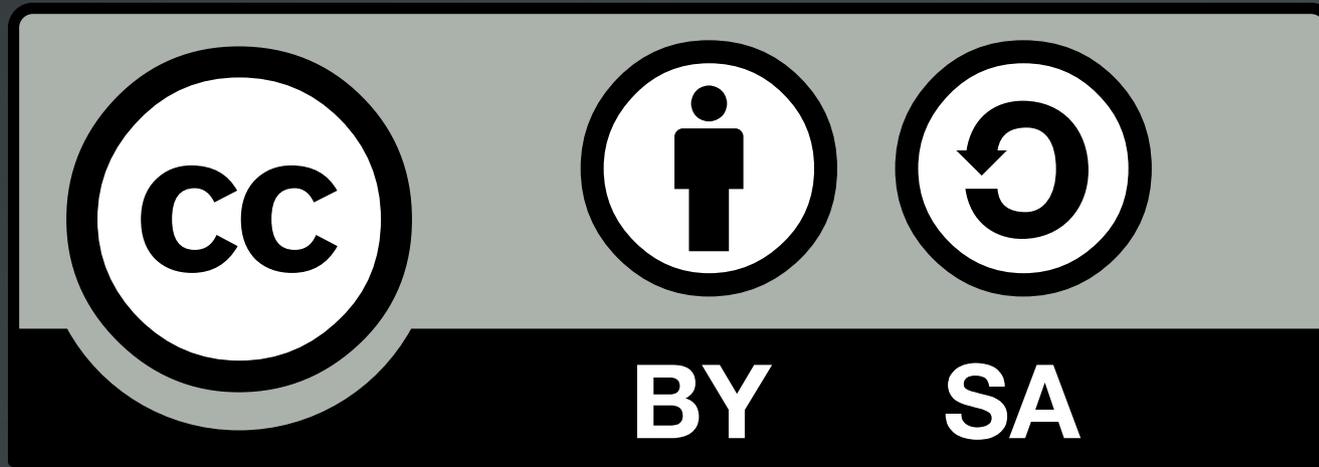
- `$ screen # launch screen`
- `Ctrl-a c # create a new shell`
- `$ ps -efl | less # browse processes check fields`
- `$ ps -lu user # show user processes`
- `$ top # watch the NI field`
`q`
- `$ nice top # watch the NI field`
- `r → <top PID> → 15 (PRI) # renice to 15`
- `Q # quit top`
- `$ ps -lu | head # find 2 PIDs`
- `$ renice 14 <PID1> <PID2> # lower their priority`
- `$ ps -efl | grep <PID1> ; ps -efl | grep <PID2> # verify that the priority has changed`
- `$ renice -14 <PID1> <PID2> # Increase their priority`
- `$ ps -efl | grep <PID1> ; ps -efl | grep <PID2> # did it work?`

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- `$ sudo -i # login as root`
- `# renice -14 <PID1> <PID2> # increase their priority`
- `# nice --14 top # = nice -n -14 start top with elevated priority`
- `Ctrl-a Ctrl-a # switch to another shell`
- `$ ps aux | grep top # find the top process`
- `$ renice -27 <top PID> # did it work?`
- `$ sudo -i # assume root privileges`
- `Ctrl-a Ctrl-a # switch to the previous shell`
- `# renice -27 <top PID> # check the priority of top`
- `# renice 12 <top PID> -u user # lower the priority for all processes owned by user`
- `# ps -efl | less # long listing of processes`



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